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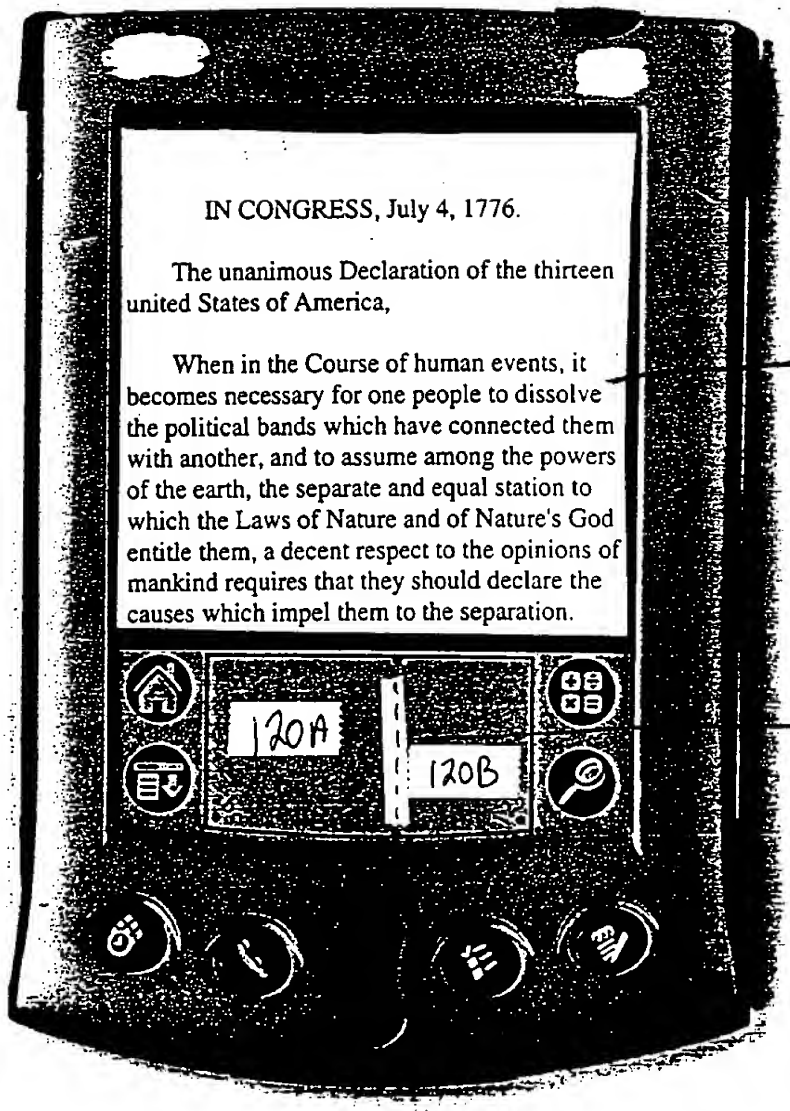

FIGURE 1 (PRIOR ART)

200

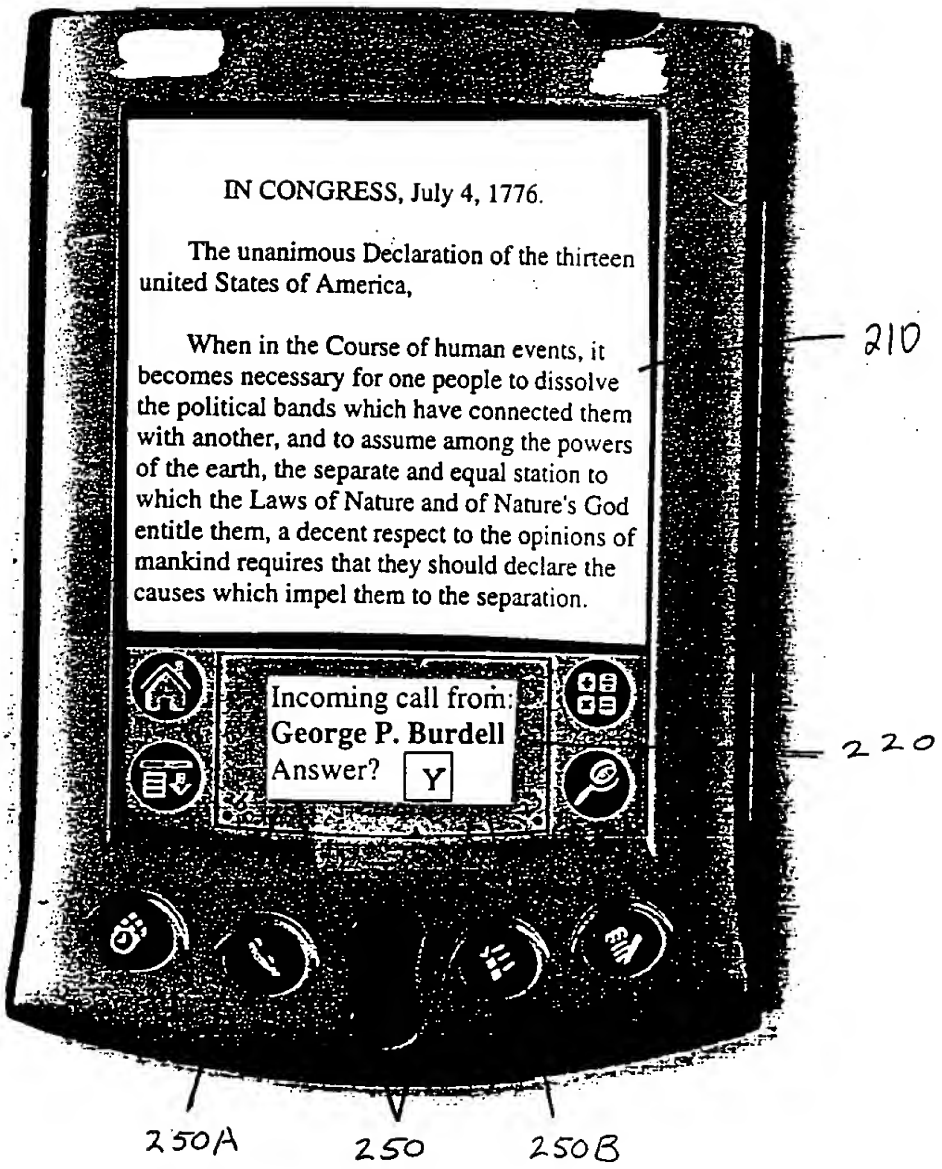

FIGURE 2A

200

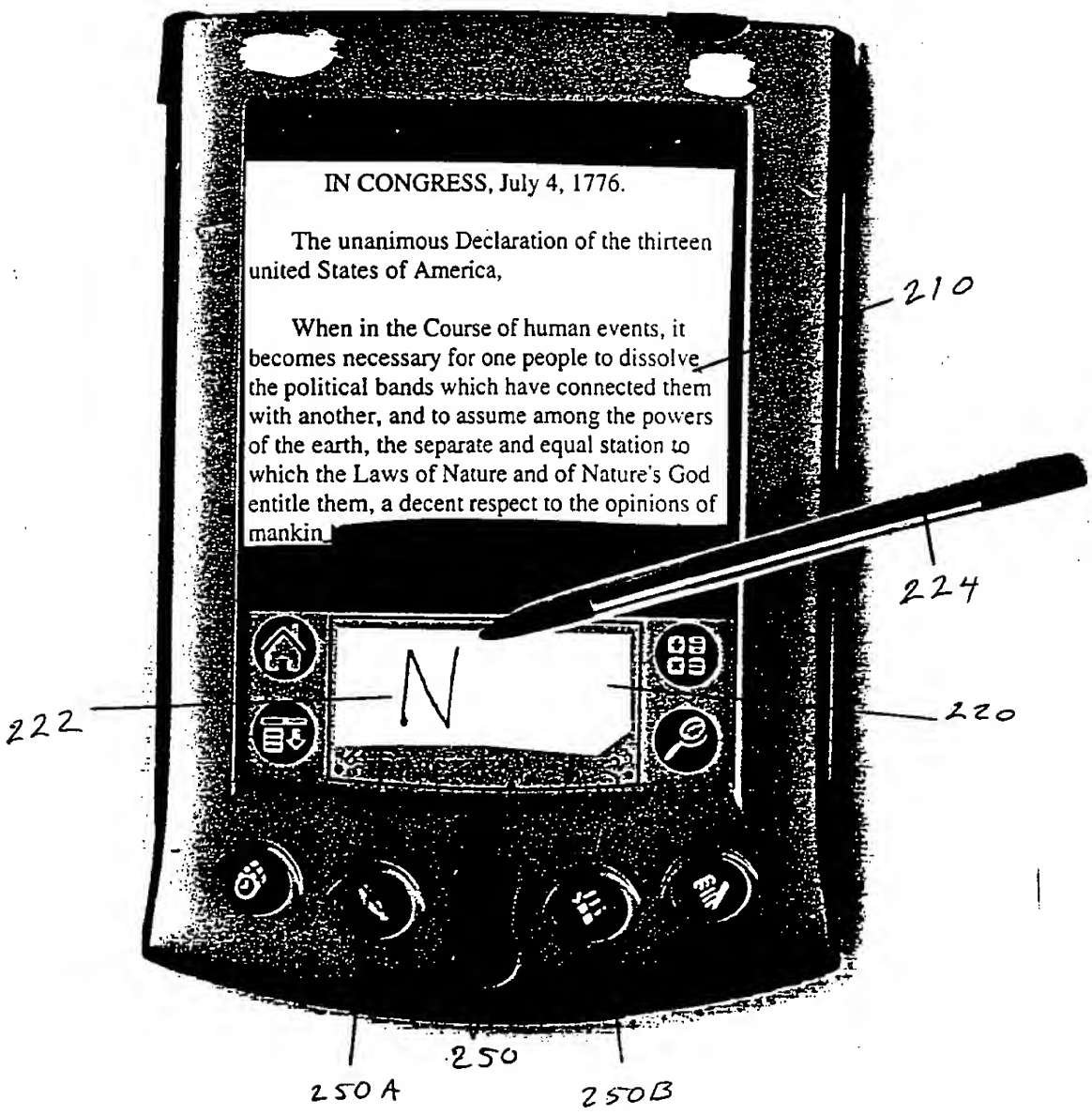

FIGURE 2B

300

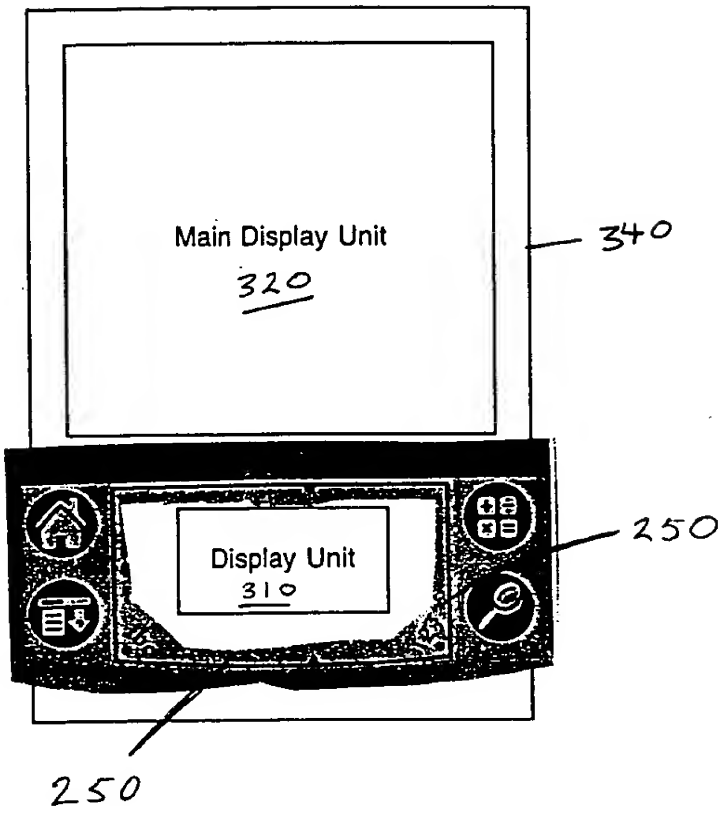

Figure 3A

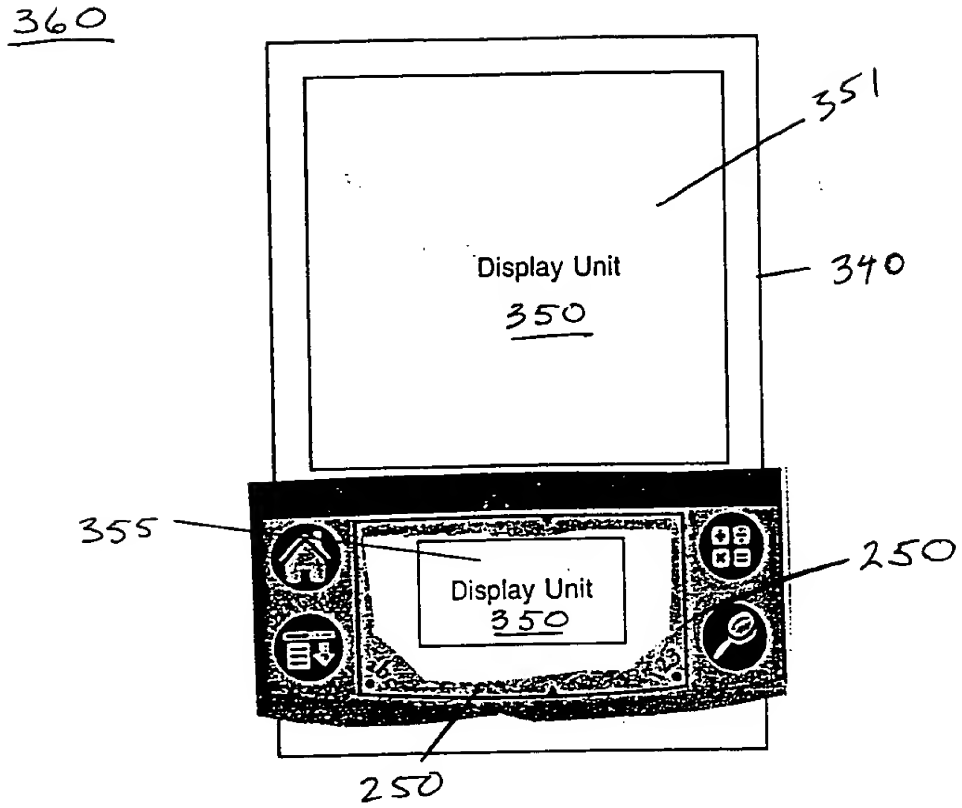

Figure 3B

400

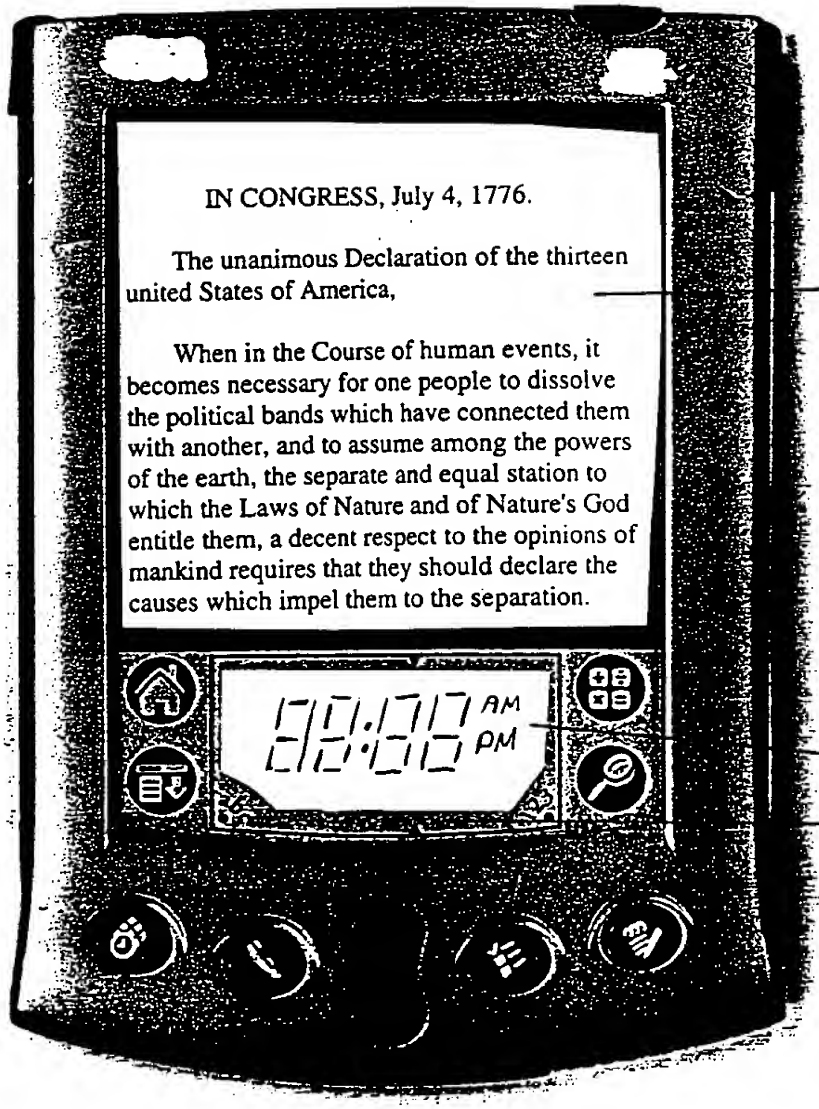
IN CONGRESS, July 4, 1776.
The unanimous Declaration of the thirteen united States of America,
When in the Course of human events, it becomes necessary for one people to dissolve the political bands which have connected them with another, and to assume among the powers of the earth, the separate and equal station to which the Laws of Nature and of Nature's God entitle them, a decent respect to the opinions of mankind requires that they should declare the causes which impel them to the separation.
AM
PM
320
410
250

FIGURE 4

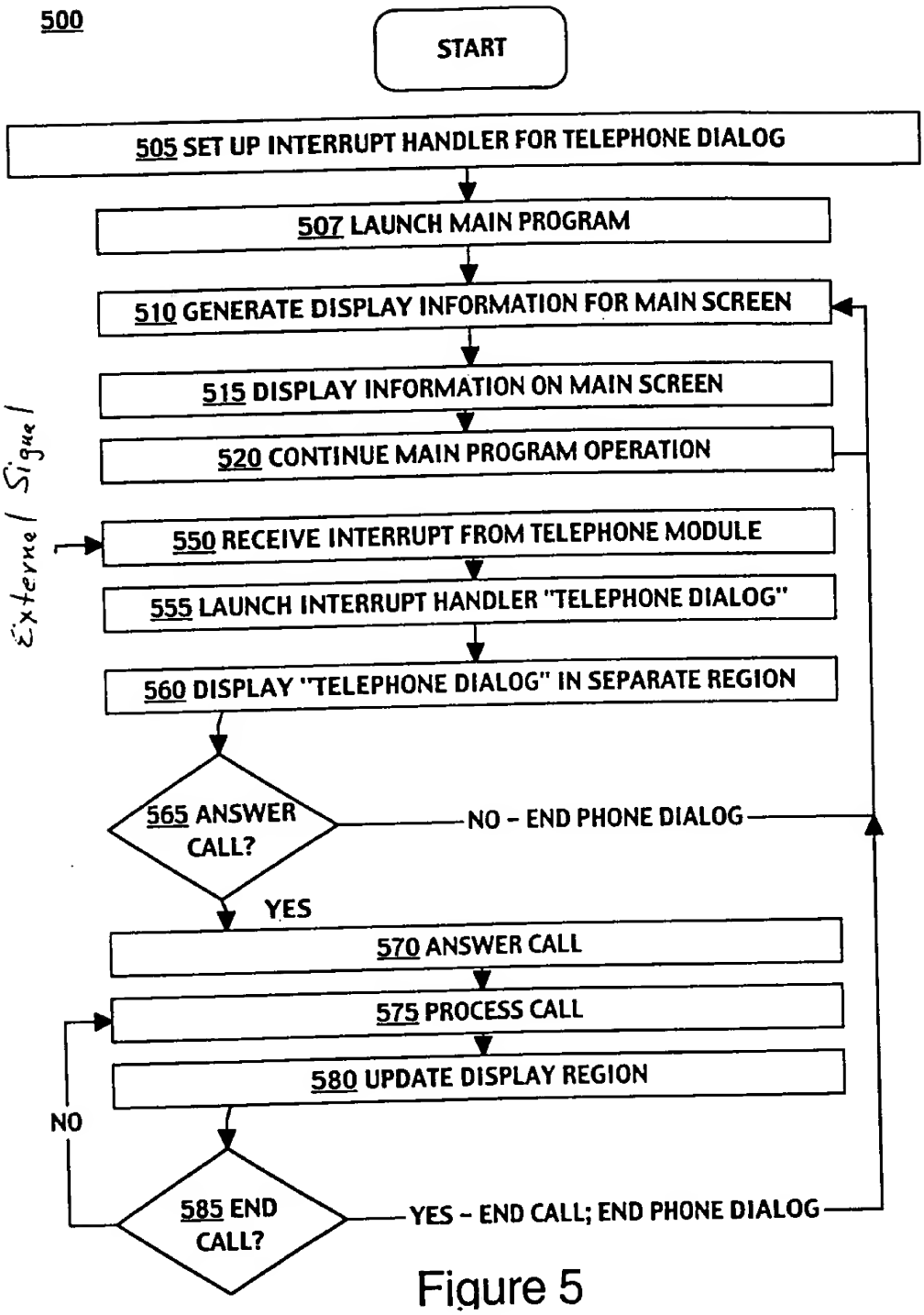
500
START
505 SET UP INTERRUPT HANDLER FOR TELEPHONE DIALOG
507 LAUNCH MAIN PROGRAM
510 GENERATE DISPLAY INFORMATION FOR MAIN SCREEN
515 DISPLAY INFORMATION ON MAIN SCREEN
520 CONTINUE MAIN PROGRAM OPERATION
Externe / Signal
550 RECEIVE INTERRUPT FROM TELEPHONE MODULE
555 LAUNCH INTERRUPT HANDLER "TELEPHONE DIALOG"
560 DISPLAY "TELEPHONE DIALOG" IN SEPARATE REGION
565 ANSWER CALL?
NO – END PHONE DIALOG
YES
570 ANSWER CALL
575 PROCESS CALL
580 UPDATE DISPLAY REGION
NO
585 END CALL?
YES – END CALL; END PHONE DIALOG

Figure 5

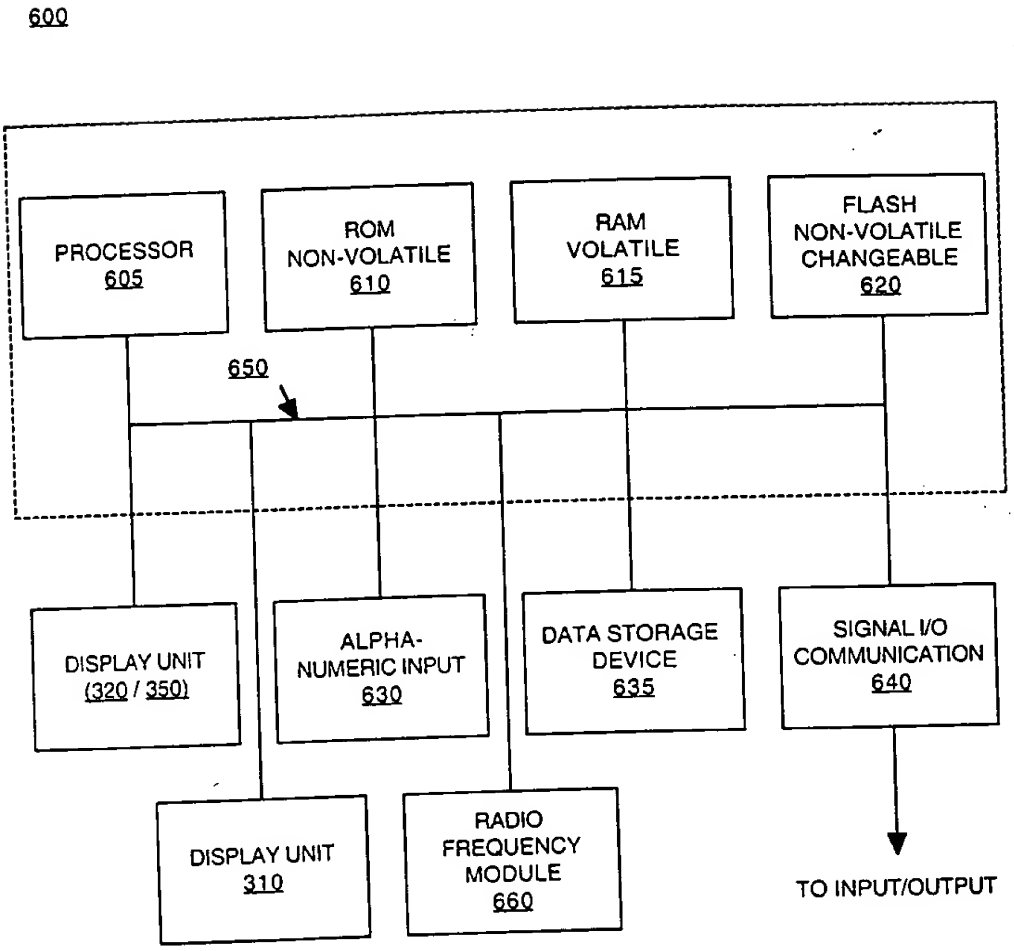
600
PROCESSOR
605
ROM
NON-VOLATILE
610
RAM
VOLATILE
615
FLASH
NON-VOLATILE
CHANGEABLE
620
650
DISPLAY UNIT
(320 / 350)
ALPHA-
NUMERIC INPUT
630
DATA STORAGE
DEVICE
635
SIGNAL I/O
COMMUNICATION
640
DISPLAY UNIT
310
RADIO
FREQUENCY
MODULE
660
TO INPUT/OUTPUT

Figure 6

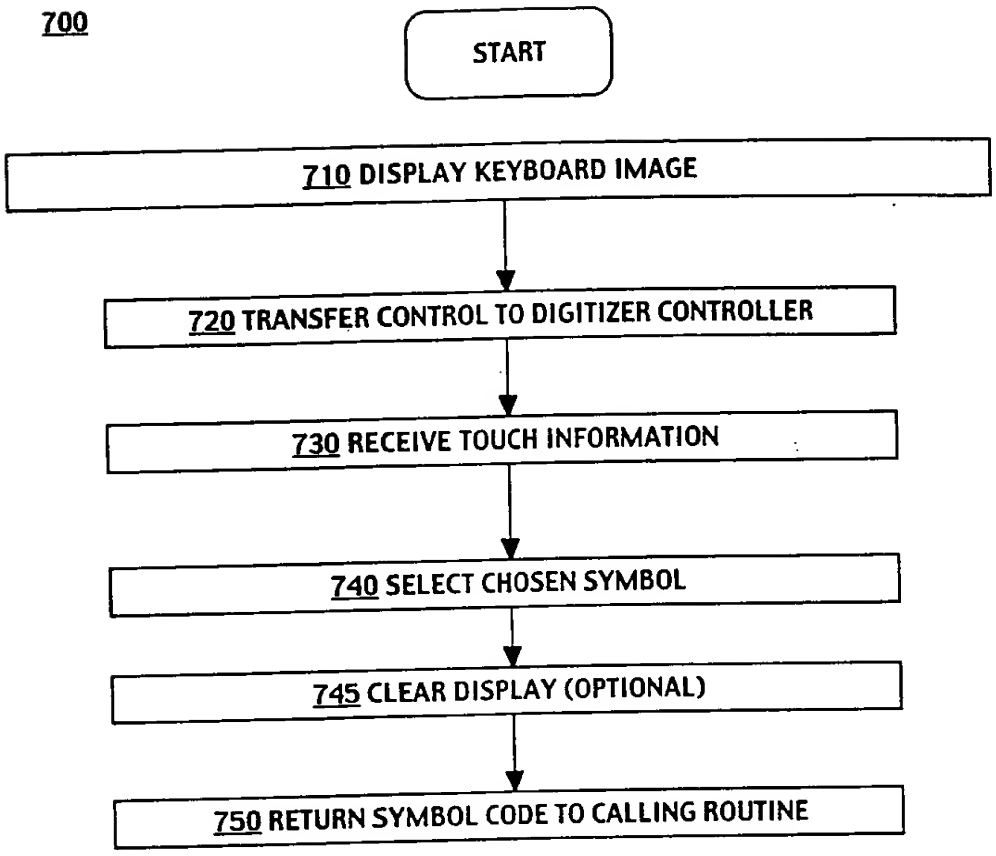
700
START
710 DISPLAY KEYBOARD IMAGE
720 TRANSFER CONTROL TO DIGITIZER CONTROLLER
730 RECEIVE TOUCH INFORMATION
740 SELECT CHOSEN SYMBOL
745 CLEAR DISPLAY (OPTIONAL)
750 RETURN SYMBOL CODE TO CALLING ROUTINE

Figure 7

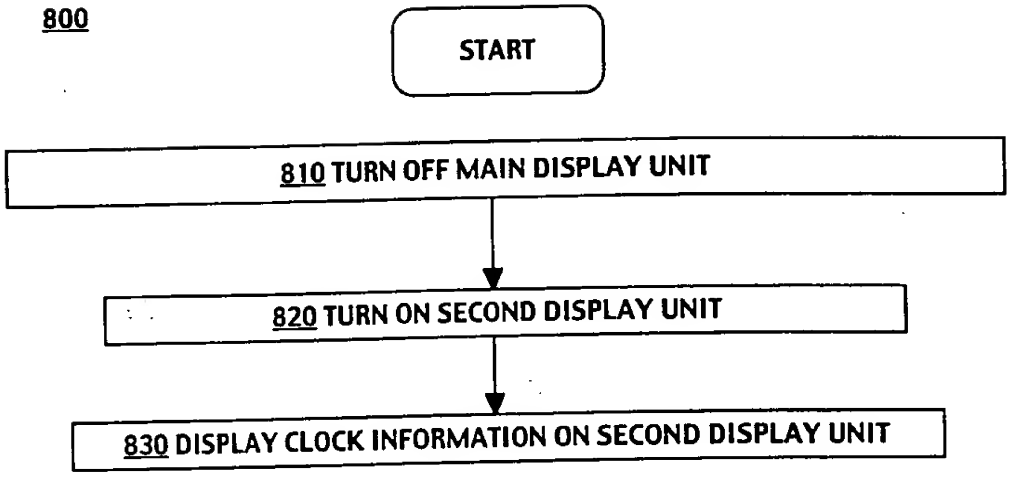
800
START
810 TURN OFF MAIN DISPLAY UNIT
820 TURN ON SECOND DISPLAY UNIT
830 DISPLAY CLOCK INFORMATION ON SECOND DISPLAY UNIT

Figure 8

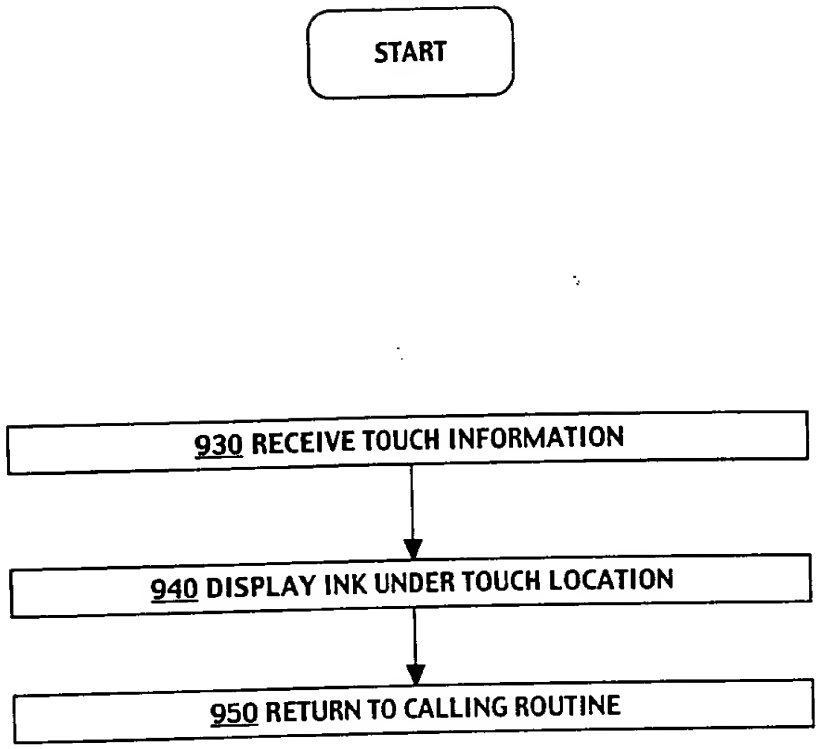
900
START
930 RECEIVE TOUCH INFORMATION
940 DISPLAY INK UNDER TOUCH LOCATION
950 RETURN TO CALLING ROUTINE

Figure 9